

Calendar

Monday, April 11

2:30 p.m. Particle Astrophysics Seminar - Curia II

Speaker: R. Jimenez, University of Pennsylvania

Title: Constraints on the Time Evolution of the Dark Energy Potential

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II

Special Topic: US-LHC Accelerator Project at Fermilab

Tuesday, April 12

2:30 p.m. Particle Astrophysics Seminar - Curia II

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Weather



Chance Thunderstorms **70°/47°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

DASTOW '05 Is On The Move To Summer: New Date 6/23



[DASTOW 2004 \(Click on image for larger version.\)](#)

Daughters and Sons To Work (DASTOW) day for Fermilab employees and their families is moving to summer for 2005, with the new date set for Thursday, June 23.

The usual DASTOW date on the fourth Thursday in April has increasingly conflicted with scheduled school activities, including career days at some area middle schools. The new summer date is an experiment to offer Fermilab-related career activities for middle-school students, as well as expanded outdoor activities for all participants. Also, please note that DASTOW and the Earth Day tree-planting are separate events this year, and are being held on different dates (see story below).

Watch *Fermilab Today* for further DASTOW announcements as June 23 draws nearer.

-Mike Perricone

Tree Planting For Earth Day Takes Place Friday, April 22

Safety Tip of the Week

Bicycle Accidents



In 2001, collisions between bicycles and motor vehicles in the United States resulted in 728 fatalities and 45,000 injuries. Fortunately, collision rates have been declining, about 2% per year. Hopefully we can continue this trend by examining causes and taking preventive actions. The Federal Highway Administration found that there are five major causes for bicycle-motor vehicle accidents.

29% Bicyclist failed to yield
22% Motorist failed to yield
19% Either turned into path of other
9% Motorist overtaking bicyclist
21% Other

The "bicyclist failed to yield" category primarily involves children not yielding the right of way at intersections or upon entering a street from a driveway or curb. In "motorist failed to yield," drivers proceed through an intersection or enter a street from a driveway or alley without yielding. With "turned into path," either the motorist or the bicyclist turns into the path of the other. With "motorist overtaking bicyclist," the collision is caused by the bicyclist swerving, or the motorist not seeing or misjudging the distance to the

Some of you may have noticed that last week's menu items didn't match what was being served in the cafeteria. This week's menu is correct, and we apologize for any confusion.

Monday, April 11

Wisconsin Cheese Soup
Corned Beef Reuben \$4.75
Chicken Provencale \$3.75
Shepherd's Pie \$3.75
BBQ Panini with Pepper Jack Cheese \$4.75
Meat Lovers Pizza \$2.75
Kung Pao Chicken with Peanuts & Scallions \$4.75

The Wilson Hall Cafe now accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to make your reservation.

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Tree planting at one of the past Earth Days at Fermilab.

Fermilab's Earth Day tree-planting activities for employees and their families, sponsored by Roads and Grounds, will be held on Friday, April 22 with a rain date of Monday, April 25. Bring a shovel, and wear boots and gloves (and this year, bring your own lunch, too). The area to be planted this year is directly west of [Warehouse II](#). Planting begins at 11 a.m. And remember: Earth Day tree-planting and DASTOW are separate events for 2005, taking place on different dates.

[more information](#)

-Mike Perricone

Accelerator Update

April 6 - April 8

- During this 48-hour period, Operations established one store that combined with an existing store to provide approximately 40 hours, 34 minutes of luminosity for the experiments
- Store 4078 quenched due to separator spark
- Recycler supplied antiprotons for store 4081
- Booster tunnel LCW leak

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

In the News

bicyclist.

A major factor in most collisions is a lack of awareness and/or attentiveness on the part of the bicyclist or the motorist. When riding a bike, you should assume that motorists don't know you're there and ride in such a way that they won't hit you even if they don't see you. When driving a motor vehicle, stay alert for the presence of bicycles. If you are about to pass a bicyclist, slow down enough that you can stop if necessary, or pass wide if you can see clearly ahead.

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

Announcements

Upcoming Classes

April 25 - 27: Oracle PL/SQL (for Oracle Database 10G)

April 28: Excel 2000 Intro

May 3 - 5: DSP Theory and Implementation

May 11 - Access 2000 Intro

[more information](#)

Barry Barish Presents Lecture Series at Northwestern

Barry Barish of Caltech will be the Distinguished Heilborn Lecturer at Northwestern University's Department of Physics and Astronomy during the week of April 18, 2005. Barish will present three lectures during his stay and will be available to students, postdocs, faculty and interested visitors for informal discussions. The lecture series is entitled, "Physics in the 21st Century: New Probes for New Physics" and consists of: April 18, Colloquium, "Probing Einstein's Universe"

From *New York Times*, April 8, 2005

One Hundred Years of Uncertainty

by Brian Greene

Just about a hundred years ago, Albert Einstein began writing a paper that secured his place in the pantheon of humankind's greatest thinkers. With his discovery of special relativity, Einstein upended the familiar, thousands-year-old conception of space and time. To be sure, even a century later, not everyone has fully embraced Einstein's discovery. Nevertheless, say "Einstein" and most everyone thinks "relativity."

What is less widely appreciated, however, is that physicists call 1905 Einstein's "miracle year" not because of the discovery of relativity alone, but because in that year Einstein achieved the unimaginable, writing four papers that each resulted in deep and formative changes to our understanding of the universe. One of these papers - not on relativity - garnered him the 1921 Nobel Prize in physics. It also began a transformation in physics that Einstein found so disquieting that he spent the last 30 years of his life in a determined effort to repudiate it.

[read more](#)

April 19, Lecture, "Detecting Gravitational Waves with LIGO"

April 21, Lecture, "The Next Great Particle Accelerator - the Linear Collider"

The lectures will be in the Technological Institute, 2145 Sheridan Road, Evanston at 4:00 p.m. For more information, call 847-491-3685.

Pool Passes on Sale

Pool Memberships for the 2005 season go on sale May 2 in the Recreation Office, WH15. Pool Passes are \$45.00 for a Single Membership and \$85.00 for a family of four with \$8.00 per additional family member. Pool membership is open to Fermilab employees, visiting researchers, employees of DOE Fermi group, retirees, eligible contract personnel and immediate family members. The pool will open on Memorial Day weekend, May 28. For more information about the pool go to the [Recreation web site](#).

Silk and Thistle Scottish Country Dancing

"Silk and Thistle" Scottish country dancing meets Tuesday, April 12, at Kuhn Barn, starting at 7:30. Newcomers are always welcome and partners aren't required. All the dances are taught. More info at 630-840-8194 or 630-584-0825 or folkdance@fnal.gov.

[Upcoming Activities](#)